AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

What is claimed is:

1-7 (Canceled).

8. (New) A method for moving an optical disk pickup head module to a position comprising:

moving said optical disk pickup head at a first speed during a first time duration;

stopping said optical disk pickup head during said first time duration if said optical disk pickup head hits a spindle motor during said first time duration;

moving said optical disk pickup head at a second speed during a second time duration if said optical disk pickup head does not hit said spindle motor during said first time duration;

stopping said optical disk pickup head during said second time duration if said optical disk pickup head hits said spindle motor during said second time duration;

moving said optical disk pickup head at a third speed during a third time duration if said optical disk pickup head does not hit said spindle motor during said second time duration;

stopping said optical disk pickup head at said position,

wherein said first speed is greater than said second speed;
said second speed is greater than said third speed;
said third speed is greater than 0;
said first time duration is before said second time duration; and
said second time duration is before said third time duration.

9. (New) The method of claim 8 wherein said position is an initial position.

10. (New) The method of claim 8 wherein said optical disk pickup head is stopped when said optical disk pickup head hits said spindle motor.

11. (New) The method of claim 8 further comprising:
Moving said optical disk pickup head at a forth speed during a forth time duration if said optical disk pickup head does not hit said spindle motor during said third time duration; wherein said third speed is greater than said forth speed and said third time duration is before said forth time duration; and said forth speed is greater than 0.

12. (New) The method of claim 8 further comprising:
Calculating a return distance of said optical disk pickup head; and

moving said optical disk pickup head with said return distance, when an unload command is received.

13. (New) A method for moving an optical disk pickup head module to a position comprising:
moving said optical disk pickup head at a first speed during a first time duration;
moving said optical disk pickup head at a second speed during a second time duration; and
moving said optical disk pickup head at a third speed during a third time duration;
wherein said first speed is greater than said second speed;
said second speed is greater than said third speed;
said third speed is greater than 0;
said first time duration is before said second time duration; and
said second time duration is before said third time duration.

14. (New) The method of claim 13 wherein said position is an initial position.

15. (New) The method of claim 13 wherein said optical disk pickup head is stopped when said optical disk pickup head hits a spindle motor in one of said first time duration, said second time duration, and said third time duration. .

16. (New) The method of claim 13 further comprising:
moving said optical disk pickup head at a forth speed during a forth time duration; wherein said third speed is greater than said forth speed and said third time duration is before said forth time duration; and said forth speed is greater than 0.

17. (New) The method of claim 13 further comprising:
calculating a return distance of said optical disk pickup head; and
moving said optical disk pickup head with said return distance when an unload command is received.

18. (NEW) A method for moving an optical disk pickup head to an initial position when a optical drive is powered-on and said optical disk pickup head is at a furthest outer ring, said method comprising:
sequentially moving said optical disk pickup head at a plurality of different speeds; and
stopping said optical disk pickup head at said initial position after said different speeds being applied on said optical pickup head causing said optical disk pickup head being hit a spindle motor;
wherein said different speeds include a first speed, a second speed, and a third speed; and
said first speed is greater than said second speed; said second speed is greater than said third speed; and said third speed is greater than 0.